

**FRIEDMAN & BRUYA, INC.**

**ENVIRONMENTAL CHEMISTS**

Date of Report: 06/03/04

Date Received: 05/14/04

Project: Metro Self Monitor, PO# M104226, F&BI 405141

Date Extracted: 06/01/04

Date Analyzed: 06/01/04

**RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE  
FOR TOTAL METALS BY  
INDUCTIVELY COUPLED PLASMA (ICP)  
(METHOD 6010)**

Results Reported as mg/L (ppm)

<u>Sample ID</u> Laboratory ID	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
M104226 405141-01	0.25	0.45	0.42	0.09
Method Blank	<0.05	<0.05	<0.10	<0.05

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**QUALITY ASSURANCE RESULTS  
FROM TOTAL METALS BY  
INDUCTIVELY COUPLED PLASMA (ICP)  
(METHOD 6010)**

Laboratory Code: 405266-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	% Recovery MS	% Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Chromium	mg/L (ppm)	2	0.53	102	90	50-150	13
Copper	mg/L (ppm)	2	0.66	102	94	50-150	8
Nickel	mg/L (ppm)	4	0.60	105	92	50-150	13
Zinc	mg/L (ppm)	2	<0.05	113	97	50-150	15

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	% Recovery LCS	Acceptance Criteria
Chromium	mg/L (ppm)	2	102	70-130
Copper	mg/L (ppm)	2	104	70-130
Nickel	mg/L (ppm)	4	104	70-130
Zinc	mg/L (ppm)	2	108	70-130

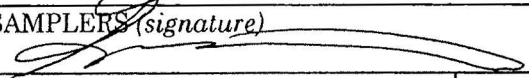
405141

## SAMPLE CHAIN OF CUSTODY

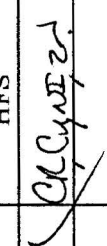
CM 05/14/04

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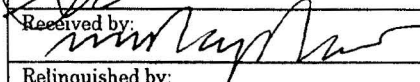
Send Report To G. Thompson  
 Company Alaskan Copper Works  
 Address 628 S. Howard  
 City, State, ZIP Seattle WA 98134  
 Phone # 206-782-8779 Fax # 206-782-4309

SAMPLERS (signature) 	
PROJECT NAME/NO. <u>METRO SELF monitor</u>	PO # <u>M 104226</u>
REMARKS	

Page # _____ of _____
TURNAROUND TIME <input type="checkbox"/> Standard (2 Weeks) <input type="checkbox"/> RUSH _____ Rush charges authorized by: _____
SAMPLE DISPOSAL <input type="checkbox"/> Dispose after 30 days <input type="checkbox"/> Return samples <input type="checkbox"/> Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED										Notes
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	ChCyt 21				
M 104226	01	5/14/04	1:00pm	H <sub>2</sub> O	1											

Friedman & Bruya, Inc.  
 3012 16th Avenue West  
 Seattle, WA 98119-2029  
 Ph. (206) 285-8282  
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: 	G. Thompson	ACW	5/14/04	2:01pm
Received by: 	Nhan Phan	FeBI	5/14/04	2:01
Relinquished by:				
Received by:				

**FRIEDMAN & BRUYA, INC.**

**ENVIRONMENTAL CHEMISTS**

James E. Bruya, Ph.D.  
Charlene Morrow, M.S.  
Yelena Aravkina, M.S.  
Bradley T. Benson, B.S.  
Kurt Johnson, B.S.

3012 16th Avenue West  
Seattle, WA 98119-2029  
TEL: (206) 285-8282  
FAX: (206) 283-5044  
e-mail: fbi@isomedia.com

June 3, 2004

**DUPLICATE COPY**

**INVOICE #04ACU0603-2**

Accounts Payable  
Alaskan Copper Works  
628 South Hanford  
Seattle, WA 98134

RE: Project Metro Self Monitor, PO# M104226, F&BI 405141 - Results of testing  
requested by Gerry Thompson for material submitted on May 14, 2004.

1 sample analyzed for Total Chromium, Copper, Nickel and Zinc by Method 6010B @ \$80 per sample	\$ 80.00
Amount Due .....	\$ 80.00

FEDERAL TAX ID # (b) (6)



FRIEDMAN & BRUYA, INC.

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June 3, 2004

Gerry Thompson, Project Manager  
Alaskan Copper Works  
628 South Hanford  
Seattle, WA 98134

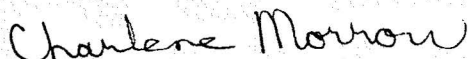
Dear Mr. Thompson:

Included are the results from the testing of material submitted on May 14, 2004 from the Metro Self Monitor, PO# M104226, F&BI 405141 project. There are 2 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Charlene Morrow  
Chemist

Enclosures  
ACU0603R.DOC